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|-------------------------------|------------------------|---------------------|--|
| Notice of Allowability | Application No. | Applicant(s) | |
| | 09/714,803 | SHELLHAMMER ET AL. | |
| | Examiner | Art Unit | |
| | Charles R. Craver | 2682 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to AMDT received 5-16-05.
2. ☒ The allowed claim(s) is/are 1-19,23,26-28,39-44 and 55.
3. ☒ The drawings filed on 16 November 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Allowable Subject Matter

Claims 1-19, 23, 26-28, 39-44 and 55 are allowed.

The following is an examiner's statement of reasons for allowance:

Claims 1 and 39 teach towards an apparatus for transmission coordination, comprising a first radio transceiver operating in accordance with a first communication protocol and using a frequency band and communicating with a base station in accordance with the first communication protocol, a second radio transceiver operating in accordance with a second communication protocol and using the frequency band, and a coordinator associated with the base station for operating the base station to transmit command signals, in turn, activating the first radio transceiver, deactivating the first radio transceiver, activating the second radio transceiver, and deactivating the second radio transceiver and wherein a first communication utilizing the first communication protocol and a second communication utilizing the second communication protocol are carried out at the same time, and further wherein the second radio transceiver only transmits while the first radio transceiver is not transmitting and the first radio transceiver only transmits while the second radio transceiver is not transmitting. Claim 3 adds using a first and second 2.4 GHz transceiver, the first being an 802.11 transceiver communicating with a base station which provides control signals to the terminal to cause it to switch between the first and second transceivers.

Claims 14, 18 and 25 teach towards a portable data communications terminal using a first and second transceiver in the same band, the first communicating with a

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base station and having a power save mode, wherein a coordinator associated with a common housing for the transceivers deactivates the first transceiver and activates the second when the first transceiver is in a power save mode.

Claim 23 further discloses a look-ahead mode, which the specification and subsequent communication from the applicant defines as scanning subsequent time slots of the other system to determine the presence of interfering transmissions prior to original transmission on a given protocol.

Claim 25 further teaches a power saving mode in the first protocol including active and dormant time periods, said dormant time periods including communication via the second communications protocol with slave devices, and claim 26 adds controlling said device comprises providing a signal indicating that said active time period will commence following a predetermined time interval and terminating operation according to said second data communication protocol during said predetermined time interval.

Claims 2, 4-13, 15-17, 19, 27, 28, 39-44 and 55 are allowed as being dependent on the claims noted above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

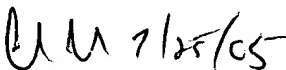
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles R. Craver whose telephone number is 571-272-7849. The examiner can normally be reached on M-F 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on 571-272-7868. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CC
July 25, 2005


CHARLES CRAVER
PRIMARY EXAMINER